

## WRS1i - 1 Zone wireless receiver

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**Ensure that this wireless receiver is installed 1 Metre from any metallic object, television, radio or wireless internet transmitter.**

Prior to operation, it is necessary to complete all sections described below.

**Important: Keep this document**



This 1 channel wireless receiver is designed to provide ON/OFF control for 1 zone. This receiver has volt free contacts.



Before commencing any work on the electrical connections, you must first disconnect the device from the mains. None of the 230V connections must be live until the installation has been completed and the housing is closed. Only qualified electricians or authorised service staff are permitted to open the terminal box.




**Caution!** There are parts that carry mains voltage behind the cover. The terminal box must not be left unsupervised when open. (Prevent non specialists and especially children from gaining access to it.)



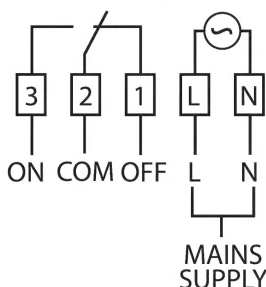
If the device is used in a way not specified by the manufacturer, it's safety might be impaired.

### 1.) Specifications & wiring

Power Supply: 230 Vac 50Hz  
Contact Rating: 250 Vac 16(3)A  
Ambient Temp: 0~50°C

Class II appliance   
Pollution degree 2: Resistance to voltage surge 2500V; as per EN 60730

Internal wiring diagram for WRS1i



If mains voltage output is required, terminals L & 2 must be electrically linked.

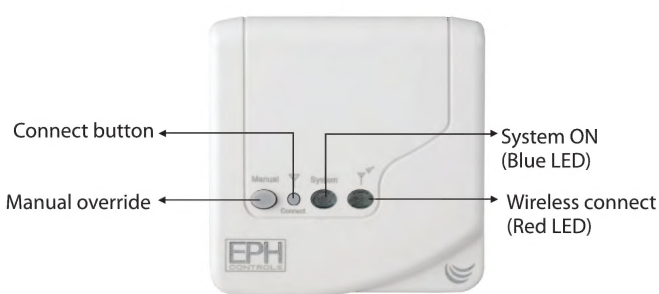
### 2.) Mounting

- The WRS1i receiver should be wall mounted in an area within 20 metres distance of the wireless thermostat.
- It is important that the receiver is mounted more than 1 metre away from metal objects as this will affect communication with the thermostat.
- The receiver should also be installed at least 1 metre from any electronic devices such as radio, TV, microwave or wireless network adaptor.
- The unit can be fitted to:
  - 1.) Recessed conduit boxes
  - 2.) Surface mounting boxes

### 3.) Installation

Slacken the fastening screw on the bottom of the receiver with a philips screwdriver.  
The receiver is hinged and can be opened 180 degrees.  
Mount the unit as described in section 2.  
Wire the unit as described in section 1.  
Close the receiver and tighten the fastening screw.

### 4.) Button / LED description



**Wireless connect:** Once voltage has been applied this button may be pressed to initialise the pairing process with the wireless thermostat. Once pressed the red LED will begin to flash.

**Manual override:** This button will manually override the system on start up or if the wireless thermostat has been disconnected.


**Wireless connect indicator:** This red LED will flash on receiving wireless signals. If it is constantly ON, the WRS1i receiver has been disconnected from the wireless thermostat.

### 5.) Resetting the WRS1i receiver

Press the  RESET button located on the side of the receiver.

### 6.) To connect the WRS1i receiver to a TRFi, TRFPi, CRFi or CRFi-230 wireless thermostat

The wireless connect LED will be constant red once power has been applied.

Press the  button on the WRS1i receiver.


The red LED on the WRS1i will begin to flash.

Press the  Connect button on the wireless thermostat.  
The red LED will turn off

The thermostat is now connected to the WRS1i receiver.

### 7.) To disconnect the WRS1i receiver from a TRFi, TRFPi, CRFi or CRFi-230 wireless thermostat

**On the wireless thermostat**

Press the  button for 5 seconds

dEL will appear on the display

Press the  RESET button

**On the WRS1i receiver,**

Press the reset button on the right hand side of the WRS1i.

The wireless thermostat is now disconnected from the WRS1i